

In the Claims:

Please amend the claims as indicated below:

1. (Currently amended) A method of communicating function calls or event notification between two applications, said method comprising:

~~a first application launching a second application, wherein the launching of the second application includes the first~~ a platform independent language application passing an event port number and a command port number to the second a native language application, wherein the port numbers are stored in a memory accessible to the second native language application;

the native language application opening an event notification stream to the platform independent language application on the event port;

the native language application opening a function call stream to the platform independent language application on the command port;

the native language application passing one or more function calls to the platform independent language application via the function call stream to invoke functions of the platform independent language application corresponding to the function calls; and

the native language application receiving one or more event notifications from the platform independent language application via the event notification stream.

2. (Currently amended) The method according to claim 1, ~~further comprising~~ wherein said opening an event notification stream to the platform independent language application on the event port comprises the second native language

application connecting a TCP/IP client socket to the event port.

3. (Currently amended) The method according to claim [[2]] 1, ~~further comprising~~ wherein said opening a function call stream to the platform independent language application on the command port comprises the native language application connecting a TCP/IP client socket to the command port and storing connection parameters of the TCP/IP client socket.

4. (Currently amended) The method according to claim 3, ~~storing the connection parameters of either client socket~~ wherein the native language application is a multithreaded application, wherein the function call stream corresponds to a first thread of the native language application, the method further comprising:

a thread generating a function call to be passed to the platform independent language application;

determining if the thread is the first thread or a different thread;

if the thread is the first thread, passing the function call to the platform independent language application via the function call stream corresponding to the first thread, wherein the function call stream corresponding to the first thread is determined via the stored connection parameters;

if the thread is a different thread:

opening a function call stream for the different thread to the platform independent language application on the command port by connecting a different TCP/IP client socket to the command port and storing connection parameters of the different TCP/IP client socket; and

passing the function call to the platform independent language application
via the function call stream corresponding to the different thread.

5. (Currently amended) The method according to claim [[3]] 1, further comprising;

the native language application receiving a function reference value
corresponding to a function call from the platform independent language
application; and

wherein passing a function call to the platform independent language application
via the function call stream comprises the native language application
passing [[a]] ~~the~~ function reference value ~~through the command port~~
~~connection~~ corresponding to the function call to the platform independent
language application via the function call stream.

6. (Currently amended) The method according to claim [[3]] 1, further comprising;

the native language application receiving a function parameter corresponding to a
function call from the platform independent language application; and

wherein passing a function call to the platform independent language application
via the function call stream comprises passing [[a]] ~~the~~ function parameter
~~through the command port connection~~ corresponding to the function call
~~to the platform independent language application via the function call~~
~~stream.~~

7. (Currently amended) The method according to claim [[5]] 1, ~~further~~
~~comprising~~ wherein passing a function call to the platform independent language

~~application via the function call stream comprises passing a value of an indication of a memory location for storing result results of [[a]] the called function trigger by the passing of the function value via the function call stream.~~

8. (Currently amended) The method according to claim [[2]] 1, further comprising the platform independent language application passing an event notification tag ~~to the native language application through event port connection~~ via the event notification stream.

9. (Currently amended) The method according to claim [[8]] 1, ~~further comprising~~ wherein said receiving one or more event notifications from the platform independent language application via the event notification stream comprises the native language application checking the event port for an event notification tag.

10. (Currently amended) The method according to claim 9, further comprising the native language application checking the command port in response to receiving an event notification tag.

11. (Currently amended) (Currently amended) The method according to claim 9, ~~further comprising the platform independent language application~~ passing ~~through the event port connection~~ an event port notification tag relating to the completion of a function to the native language application via the event notification stream.

12. (Currently amended) A computer accessible medium containing instructions and operatively connected to a processing unit, such that when said processing unit executes the instructions:

~~a first application launches a second application, wherein in launching the second application, the first~~ a platform independent language application ~~passes to the second~~ a native language application an event port number and a

command port and the port numbers are stored in a memory accessible to the ~~second~~ native language application;

the native language application opens an event notification stream to the platform independent language application on the event port;

the native language application opens a function call stream to the platform independent language application on the command port;

the native language application passes one or more function calls to the platform independent language application via the function call stream to invoke functions of the platform independent language application corresponding to the function calls; and

the native language application receives one or more event notifications from the platform independent language application via the event notification stream.

13. (Currently amended) The computer accessible medium according to claim 12, wherein, in said opening an event notification stream to the platform independent language application on the event port, further containing instructions that when executed by said processing unit cause the second application to the native language application connects a TCP/IP client socket to the event port.

14. (Currently amended) The computer accessible medium according to claim [[13]] 12, wherein, in said opening a function call stream to the platform independent language application on the command port, further containing instructions that when executed by said processing unit cause the second application to the native language application connects a TCP/IP client socket to the command port and stores connection parameters of the TCP/IP client socket in memory.

15. (Currently amended) The computer accessible medium according to claim 14, wherein the native language application is a multithreaded application, wherein the function call stream corresponds to a first thread of the native language application, the computer accessible medium further containing instructions that when executed by said processing unit cause such that when said processing unit executes the instructions: the connection parameters of either client socket to be stored in memory.

a thread generates a function call to be passed to the platform independent language application;

the native language application determines if the thread is the first thread or a different thread;

if the thread is the first thread, the native language application passes the function call to the platform independent language application via the function call stream corresponding to the first thread, wherein the native language application determines the function call stream corresponding to the first thread from the stored connection parameters;

if the thread is a different thread:

the native language application opens a function call stream for the different thread to the platform independent language application on the command port by connecting a different TCP/IP client socket to the command port and storing connection parameters of the different TCP/IP client socket; and

the native language application passes the function call to the platform independent language application via the function call stream corresponding to the different thread.

16. (Currently amended) The computer accessible medium according to claim ~~[[13]]~~ 12, further containing instructions ~~that when executed by said processing unit cause~~ such that when said processing unit executes the instructions; the first application to pass a function reference value through the command port connection

the native language application receives a function reference value corresponding to a function call from the platform independent language application; and

wherein, in passing a function call to the platform independent language application via the function call stream, the native language application passes the function reference value corresponding to the function call to the platform independent language application via the function call stream.

17. (Currently amended) The computer accessible medium according to claim ~~[[16]]~~ 12, further containing instructions ~~that when executed by said processing unit cause~~ such that when said processing unit executes the instructions; the first application to pass a function parameter through the command port connection

the native language application receives a function parameter corresponding to a function call from the platform independent language application; and

wherein, in passing a function call to the platform independent language application via the function call stream, the native language application passes the function parameter corresponding to the function call to the platform independent language application via the function call stream.

18. (Currently amended) The computer accessible medium according to claim ~~[[16]]~~ 12, ~~further containing instructions that when executed by said processing unit cause the first application to pass a value of a memory location for storing result of a function trigger by the passing of the function reference value~~ wherein, in passing a function call to the platform independent language application via the function call

stream, the native language application passes an indication of a memory location for storing results of the called function via the function call stream.

19. (Currently amended) The computer accessible medium according to claim [[13]] 12, further containing instructions that when executed by said processing unit cause the first platform independent language application to pass an event notification tag to the native language application ~~through event port connection via the event notification stream.~~

20. (Currently amended) A device, comprising:

a processor; and

a memory coupled to the processor, wherein the memory comprises program instructions configured to implement:

~~a first application launching a second application, wherein the launching of the second application includes the first a native language application passing~~ receiving an event port number and a command port number ~~to from the second a platform independent language~~ application, wherein the port numbers are stored in a memory location accessible to the ~~second native language~~ application;

the native language application opening an event notification stream to the platform independent language application on the event port;

the native language application opening a function call stream to the platform independent language application on the command port;

the native language application passing one or more function calls to the platform independent language application via the function call stream to invoke functions of the platform independent language application corresponding to the function calls; and

the native language application receiving one or more event notifications from the platform independent language application via the event notification stream.